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Before the FEDERAL COMMUNICATIONS COMMISSION FCE/VED - FCC Washington, D.C. 20554

		DEC 1 0 2003
In the Matter of)	Federal Communication Co.
Amendment of Section 73 202(b),) RM-	Bureau / Office
FM Table of Allotments)	
)	
(Waldport, Dallas and Monmouth, OR))	

To The Chief, Audio Division, Media Bureau

PETITION FOR RULE MAKING

Pursuant to Sections 1 401 and 1 420 of the Commission's Rules, Radio Beam, LLC ("Radio Beam"), hereby petitions the Commission to institute a proceeding looking toward amendment of Section 73 202(b), the FM Table of Allotments, as follows:

<u>Community</u> <u>Present</u>		Proposed
Waldport, OR		253A
Dallas, OR	252C3	236C3
Monmouth, OR	236C3	252C3

As shown in the attached Engineering Statement, Channel 253A can be allotted to Waldport in compliance with all applicable requirements, provided that Channel 236C3 is substituted for vacant Channel 252C3 at Dallas, OR The allotment of Channel 252C3 to Dallas, in turn, requires that Channel 252C3 be substituted for Channel 236C3 at Monmouth, OR.

In order to prevent a short-spacing to KNRQ(FM), which operates on Channel 250C at Eugene, OR, an allotment site for Channel 253A at Waldport has been identified at NL 44-30-30,

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WL 124-04-07 As shown in the Engineering Statement, principal-city coverage to all of Waldport can be achieved from that site.

To accommodate Channel 236C3 at Dallas, an allotment site has been identified at NL 44-50-43, WL 123-30-07 As shown in the Engineering Statement, principal-city coverage to all of Dallas can be achieved from that site

To accommodate Channel 252C3 at Monmouth, an allotment site has been identified at NL 44-53-08, WL 123-05-36 As shown in the Engineering Statement, principal-city coverage to all of Monmouth can be achieved from that site Radio Beam, the licensee of KSND(FM), which is currently authorized on Channel 236C3 at Monmouth, hereby agrees to the channel change at Monmouth and the concomitant change in reference coordinates. Radio Beam further agrees to file an application for a construction permit to modify its facilities to specify Channel 252C3 at a site that will comply with all applicable requirements.

The proposed amendments to Section 73.202 will serve the public interest. Waldport, an incorporated community with a 2000 U S. Census population of 2050 persons, will be provided with a second local aural service and a first FM service. Moreover, as shown in the Engineering Statement, the proposals in the aggregate will provide new service to 254,812 persons, and the entire "loss area" will continue to receive at least five aural services

For the reasons stated, it is respectfully requested that the Commission issue a Notice of Proposed Rule Making proposing the amendments to Section 73 202(b) described above. Radio Beam represents that if Channel 253A is allotted to Waldport, Oregon, Radio Beam will file an

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¹ The Commission has already determined that Waldport meets the requirements for a "community," since AM station KORC is licensed to Waldport

application for a construction permit for that channel, and, if its application is granted, will timely construct a facility on such channel

Respectfully submitted,

RADIO BEAM, LLC

Βv

Earnest R. Hopseker Member and Manager 4524 132nd Avenue, SE

Bellevue, Washington 98006

TEL: 541 574.1005

Dated December 4, 2003

HATFIELD & DAWSON

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ENGINEERING STATEMENT

PETITION FOR RULEMAKING TO AMEND SECTION 73.202 OF THE RULES AND REGULATIONS FOR THE FEDERAL COMMUNICATIONS COMMISSION

TO ASSIGN FM CHANNEL 253A FOR USE AT WALDPORT, OREGON

TO ASSIGN FM CHANNEL 236C3 FOR USE AT DALLAS, OREGON

TO ASSIGN FM CHANNEL 252C3 FOR USE AT MONMOUTH, OREGON

RADIO BEAM, LLC

11/2003

Engineering Statement

This Engineering Statement has been prepared on behalf of Radio Beam, LLC ("Radio Beam"), in support of a Petition for Rulemaking to amend §73.202 of the Commission's Rules to:

- 1) Assign Channel 253A for use at Waldport, Oregon,
- 2) Substitute Channel 236C3 for vacant Channel 252C3 at Dallas, Oregon, and;
- Substitute Channel 252C3 for Channel 236C3 at Monmouth, Oregon, for use by FM station KSND.

The proposed reallotment plan will provide several benefits:

- 1) Waldport, an incorporated city with a 2000 Census population of 2,050 persons, will receive its second local service and its first local FM service
- 2) A total of 254,812 persons will receive an additional aural service.
- 3) In accommodating the benefits listed above, no white, gray, or underserved areas will be created.

Channel 253A at Waldport

As outlined in the attached channel study, Channel 253A can be assigned for use at Waldport in compliance with the Commission's applicable Rules and Regulations regarding the separation among FM allotments, assuming that Channel 236C3 is substituted for the vacant

Hatfield & Dawson Consulting Engineers

Channel 252C3 allotment at Dallas. In order to prevent a short-spacing to KNRQ Channel 250C Eugene, an allotment site has been identified at NL 44• 30' 30" x WL 124• 04' 07". This site is 12.4 kilometers from the most distant point of the City of Waldport. The nominal distance to the 70 dBu F(50,50) contour for a Class A station is 16.2 kilometers. Therefore, this site will provide greater than 70 dBu coverage for all of Waldport.

The allotment of Channel 253A at Waldport will provide 60 dBu service to 26,636 persons in a 1,286 km² land area. (A portion of the 60 dBu service area falls over the Pacific Ocean.)

Channel 236C3 at Dallas

As outlined in the attached channel study, Channel 236C3 can be assigned for use at Dallas in compliance with the Commission's applicable Rules and Regulations regarding the separation among FM allotments, assuming that Channel 252C3 is substituted for Channel 236C3 at Monmouth for use by KSND. Channel 236C3 does not fit at the existing Dallas Channel 236C3 allotment site, but an allotment site has been identified at NL 44* 50' 43" x WL 123* 30' 07" This site is 20 0 kilometers from the most distant point of the City of Dallas. The nominal distance to the 70 dBu F(50,50) contour for a Class C3 station is 23.2 kilometers. Therefore, this site will provide greater than 70 dBu coverage for all of Dallas

Channel 252C3 at Monmouth

As outlined in the attached channel study, Channel 252C3 can be assigned for use at Monmouth by KSND in compliance with the Commission's applicable Rules and Regulations

regarding the separation among FM allotments, assuming that Channel 236C3 is substituted for vacant Channel 252C3 at Dallas. Channel 252C3 does not fit at the existing KSND Channel 252C3 allotment site, but an allotment site has been identified at NL 44• 53' 08" x WL 123• 05' 36". This site is 13.0 kilometers from the most distant point of the City of Monmouth The nominal distance to the 70 dBu F(50,50) contour for a Class C3 station is 23.2 kilometers. Therefore, this site will provide greater than 70 dBu coverage for all of Monmouth.

Gain and Loss Areas

There is overlap among the 60 dBu service areas of all the existing and proposed allotments, and portions of those service areas fall at sea. The attached map titled "Gain and Loss Areas" depicts the 60 dBu service areas, and is annotated to indicate the number of services lost and gained in each area as a result of the proposed reallotment plan. The gain and loss areas are summarized in the table below.

Table of Gain and Loss Areas

	Population and Area
Loss Area	19,488 persons in 1,813 km² land area
Gain Area	254,812 persons in 3,313 km² land area

The proposed reallotment plan will not result in the creation of any white, gray, or underserved areas.¹ The attached "Loss Area Study" exhibit depicts the 60 dBu service contours of a subset of the numerous stations which provide service to the loss area. The contours shown are sufficient to demonstrate that the entire loss area will continue to be well-served, with five or more aural services remaining. The stations whose contours are shown are:

KGON-FM	222C	Portland
KPDQ-FM	229C	Portland
KXJM-FM	238C	Portland
KCRF-FM	244C1	Lincoln City
KKSN-FM	246C	Portland
KSHL-FM	248C2	Gleneden Beach
KRKT-FM	260C0	Albany
KKRZ-FM	262C	Portland
KPPT-FM	264C2	Depoe Bay
KUFO-FM	266C	Portland
KINK-FM	270C	Portland
KYTE-FM	274C1	Newport
KKCW-FM	277C	Portland
KLOO-FM	292C	Corvallis
KLTH-FM	294C	Portland
KHPE-FM	300C	Albany

¹In determining reception service provided by FM stations, the area of service circumscribed by the station's 1.0 mV/m signal contour was considered, assuming 1) actual facilities for non-commercial stations operating on reserved channels, 2) maximum facilities for the class of station for stations (other than Class C stations) operating on non-reserved channels, and 3) minimum or existing Class C facilities, whichever is greater, for Class C stations. For clear channel Class A AM stations, the service area was defined by the station's 0.5 mV/m groundwave contour, based on its licensed facilities. For all other classes of full-time AM stations, reception service was defined as that service received within a station's nighttime interference-free contour. See Meeker and Craig, Colorado, 15 FCC Rcd 23858 (2000), Stamps and Fouke, Arkansas, 14 FCC Rcd 10533 (1999), Silverton and Bayfield, Colorado, 14 FCC Rcd 4071 (1999), Malvern and Bryant, Arkansas, 13 FCC Rcd 8426 (1998), and others

Additional service to the loss area is provided by numerous non-commercial and commercial AM and FM stations. A list of those stations can be provided should the Commission so require.

FMSTUDY EXE Copyright 2002, Hatfield & Dawson, LLC -----SEARCH PARAMETERS FM Database Date: 031105 Channel: 253A 98 5 MHz Page 1 Latitude: 44 30 6 Longitude: 124 4 30 Safety Zone: 32 km Job Title WALDPORT 253A City Channel ERP(kW) Latitude Bearing Dist Req Longitude deg-True Status St FCC File No Freq HAAT(m) (km) (km) KNRQ-FM EUGENE 250C 100.000 94 72 95 44-00-08 125.6 OR BLH-910528KF 97 9 308.0 123-06-50 -0 28 SHORT DALLAS 252C3 0 000 44-55-06 52.0 75.86 VAC -13.14 SHORT 98 3 123-19-00 0.0 TO CHANGE TO 236C3 PER THIS PROPOSAL NOTE DEPOE BAY NEW-T 252D 28.42 0.030 44-45-24 APP OR BNPFT-030317HWJ 98.3 350.0 124-02-50 0 00 TRANS NEW-T DEPOE BAY 252D 0.030 44-45-24 28,42 OR BNPFT-030827APV 98.3 329.0 124-02-53 0.00 TRANS APP K252DL WALTON 252D 0.010 44-04-00 143.5 60.06 580.0 OR BLFT-020619AAS 0.00 TRANS LIC 98 3 123-37-42 253C1 223,90 200 BEND 0.000 44-04-41 101.2 ADD OR RM-10684 98.5 0.0 121-19-57 23.90 CLEAR 0 030 EUGENE 89 05 NEW 253L1 44-04-18 122.2 OR BNPL-010615ALN 0 00 LPFM APP 98.5 51.5 123-08-01 YACHATS 253D 0.250 44-26-33 6.58 NEW-T 177.3 OR BNPFT-030313BHF 0.00 TRANS APP 98.5 124-04-16 95.0 NEW-T YACHATS 253D 0.250 44-26-33 177.3 6.58 0.00 TRANS OR BNPFT-030826ALB 98.5 95.0 124-04-16 254C2 13.000 115.35 KYTT-FM COOS BAY 43-27-49 180.8 106 OR BLH-950309KD 293.0 124-05-44 9.35 CLOSE 98.7 254L1 0.050 44-38-45 5.9 16.11 KWPB-LP NEWPORT 124-03-14 0.00 LPFM LIC OR BLL-030428AAK 98.7 41 9 160 44 KUPLaux PORTLAND 254C1 16.000 45-27-13 OR BXMLH-000316ABX 98.7 122-32-45 0.00 AUX 337.0 LTC 154.60 133 KUPL-FM PORTLAND 254C1 37,000 45-30-58 42.6 21.60 CLEAR 122-43-59 LIC OR BLH-970915KD 98.7 440.0

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254C1 37 000

98.7 362.0

45-30-57

122-43-52

42.7

154.69

0.00

0 XUA

KUPLaux PORTLAND

OR BXPH-970219ID

FMSTUDY	EXE	Copyright	2002, Ha	atfield &	Dawson, LLC		Version	1.60
Sa	Latitude Longitude fety Zone	. 253A 9 . 44 30 6 : 124 4 30	5		FN	1 Database	e Date: (
	-				Latitude Longitude			-
	EUGENE OR BLH-	840409BY			44-06-56 122-59-56			
	44444	BEGINNING	SEARCH (OF SECONDA	ARY DATABASE	44444		
KSND PROP	MONMOUTH OR -		252C3 98.3	0 000	44-53-08 123-05-36	60.8		89 SHORT
None PROP	WALDPORT OR -		253A 98.5	0.000	44-30-06 124-04-30		0 00 -115.00	115 SHORT
	44444	END OF EM	SPACING	STUDY FOR	R CHANNEL 253	3 44444		

FMSTUDY.EXE Copyright 2002, Hatfield & Dawson, LLC Version 1.60 SEARCH PARAMETERS FM Database Date. 031105 Page 1

Channel: 236C3 95 1 MHz Latitude: 44 50 43 Longitude 123 30 7 Safety Zone: 32 km Job Title. DALLAS 236C3

	City C							
KMGE LIC	EUGENE OR BLH-970925KE	233C1	49.000		44-00-04	161 6	98.80 22.80	76
NEW-T APP	SALEM OR BNPFT-030317MBL	233D 94.5		DA	44-58-57 123-00-17	68.5		0 TRANS
KPIE-LP LIC	DALLAS OR BLL-020923AAJ	234L1 94.7	0.100 19 2		44-52-54 123-24-06	62.9		0 LPFM
NEW-T APP	BETHEL OR BNPFT-030317MTX	235D 94.9			44-00-08 123-06-50	161.7		0 TRANS
NEW-T APP	BETHEL OR BNPFT-030815AAA	235D 94.9			44-00-08 123-06-50	161.7	98.65 0.00	0 TRANS
KCBZ CP MOD	CANNON BEACH OR BMPH-010208AAV				45-57-27 123-50-01		126.31 27.31	
KCBZ CP	CANNON BEACH OR BPH-020227ACX	235C3 94.9	16 000 107.0		45-56-44 123-57-04		127.24 28.24	99 CLEAR
KRAD-LP CP	MILLERSBURG OR BNPL-010615BDY	235L1 94 9	0.010 78.8		44-39-03 123 - 00-59	119.2	44.11 0.00	
NEW-T APP	ALOHA OR BNPFT-030310AZW	236D 95 1			45-29-20 122-41-40	41 2		0 TRANS
NEW-T APP	BETHANY OR BNPFT-030310BHI	236D 95.1	0.020 0.0		45-31-23 122-45-07		95.65 0.00	0 TRANS
KSND-1 APP	DEPOE BAY OR BNPFTB-030724ABL				44-45-24 124-02 - 53			0 BOOST
NEW-T APP	INDEPENDENCE OR BNPFT-030310ASJ	236D 95.1		DA	44-58-59 123-08 - 39			0 TRANS
KSND LIC NOTE	LINCOLN CITY OR BLH-950403KE KSND TO 252C3 PER TH	236C2 95.1 IS PRO	258 0		44-45-24 124-02-53		44 32 -132.68	177 SHORT
KSND CP NOTE	MONMOUTH OR BPH-030729AFK KSND TO 252C3 PER TH	236C3 95.1 IS PRO	477.0		44-53-19 123-36-26		9.61 -143.39	153 SHORT

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SEARCH PARAMETERS
Channel: 236C3 95.1 MHz
FM Database Date 031105
Page 2

Latitude: 44 50 43 Longitude: 123 30 7 Safety Zone: 32 km Job Title: DALLAS 236C3

	City C St FCC File No.	hannel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
	PRINEVILLE OR BLH-850916KA						211 CLOSE
KUJZ LIC	CRESWELL OR BLH-920331KC			44-00-04 123-06-45			99 SHORT
K269DH APP	FLORENCE, ETC. OR BMJPFT-030829AWI					108.69 0.00	0 TRANS
K269DH APP	FLORENCE, ETC. OR BMJPFT-030314BOA						0 TRANS
KXJMaux LIC	PORTLAND OR BLH-981023KC	238C 95.5		45-29-20 122 - 41-40			0 XUA
KXJM LIC	PORTLAND OR BLH-980901KC	238C 95.5		45-29-20 122-41-40			96 SHORT
NEW-T APP	FLYNN OR BNPFT-030317MFR	239D 95.7		44-33-56 123-20-02			0 TRANS
NEW-T APP	NEWPORT OR BNPFT-030317DZX	239D 95 7		44-38-12 124-01-36			0 TRANS
	44444 BEGINNING S	EARCH	OF SECON	DARY DATABASE	44444		
None PROP	DALLAS OR -	236C3 95.1	0.000	44-50-43 123-30-07		0.00 -153.00	

44444 END OF FM SPACING STUDY FOR CHANNEL 236 44444

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Page 1

CH PARAMETERS

Channel 252C3 98 3 MHz

Latitude 44 53 8

Longitude. 123 5 36

Safety Zone: 32 km

Job Title: MONMOUTH 252C3

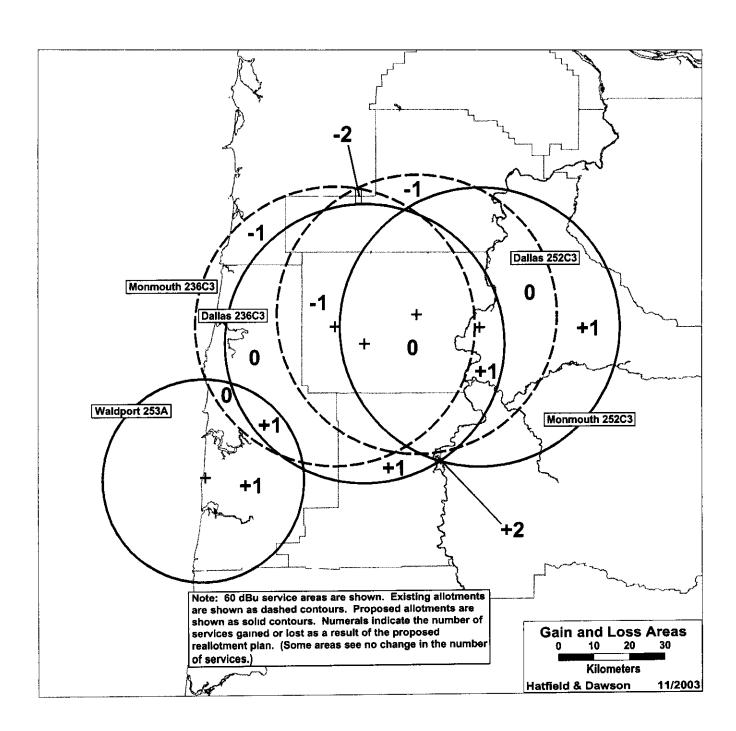
	City St FCC File No			Latitude Longitude			
	NEWBERG OR BLFT-980617TH	249D	0 010	45-21-17		52.77	0 TRANS
NEW-T APP	SALEM OR BNPFT-030317IBI	249D K 97.7		44-51-18 123-07-15	212.5	4.03 0.00	0 TRANS
KNRQ-FM LIC	EUGENE OR BLH-910528KF	250C 97 9	100.000 308.0	44-00-08 123-06-50	181 0	98.17 2.17	96 CLOSE
NEW-T APP	SILVERTON OR BNPFT-030317AQ	250D 7 97 9		DA 45-00-00 122-41-37	67.8	34.02 0.00	0 TRANS
NEW-T APP	BEAVERTON OR BNPFT-030317AH	251D R 98.1	0.010 710.0	45-31-21 122-44-45	20 9	75.87 0.00	0 TRANS
ADD	BRIGHTWOOD OR RM-9870	251C3 98.1	0.000	45-17-20 121-47 - 04	66.0	112.37 13.37	
DEL	BEND OR RM-9961	252C3 98.3	0.000	44-04-41 121-19-57	122 1	166 36 13.36	153 CLEAR
KTWS LIC	BEND OR BLH-950629KC	252C3 98 3	6.800 191.0	44-04-41 121-19-57	122.1	166 36 13 36	153 CLEAR
VAC NOTE,	DALLAS OR - TO CHANGE TO 236C3	252C3 98.3 PER THIS	0 0	44-55-06 123-19-00 AL	281.8	18 01 -134.99	153 SHORT
NEW-T APP	DEPOE BAY OR BNPFT-030317HW	252D 98.3	0 030 350.0	44-45-24 124-02-50	259.6	76.79 0.00	0 TRANS
NEW-T APP	DEPOE BAY OR BNPFT-030827APV	252D 7 98.3	0.030 329.0	44-45-24 124-02-53	259.6	76.86 0.00	0 TRANS
VAC	RAINIER OR -	252A 98.3	0 000 <i>0 0</i>	46-10-18 122-57-42	4.1	143.31	142 CLOSE
NEW-T APP	ROCKFORD OR BNPFT-030317EDV	252D / 98.3	0.250 116 0	45-42-07 121-32-10	52.8	152.17 0.00	0 TRANS
NEW-T APP	ROCKFORD OR BNPFT-030825AI	252D 7 98 3	0.250 121.0	45-42-07 121-32-10	52 8	152.17 0.00	0 TRANS

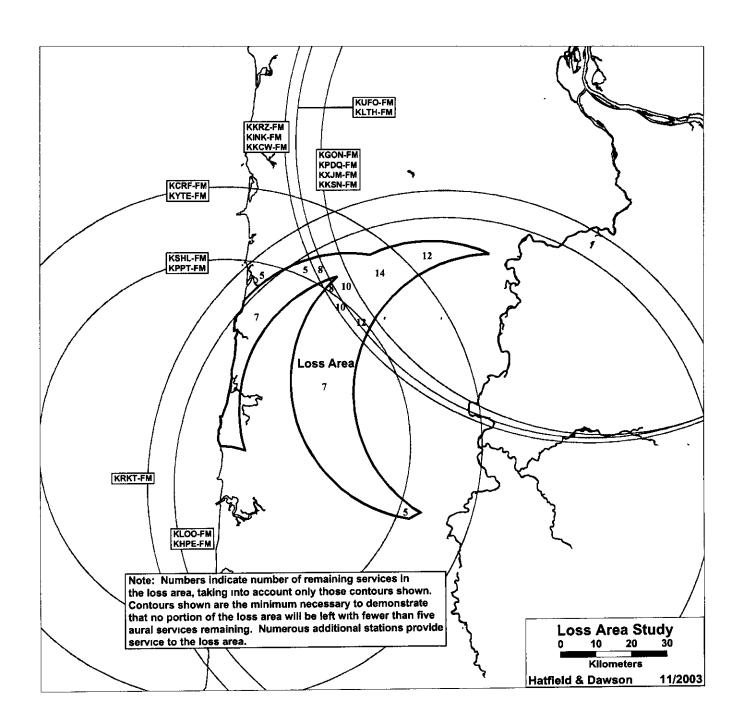
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Longitude 123 5 36
Safety Zone: 32 km
Job Title. MONMOUTH 252C3

Call	City	Channel	ERP(kW)	Latitude	Bearing	Dist Reg
Status	St FCC File No.	Freq.	HAAT (m)	Longitude	deg-True	(km) (km)
K252DL LIC		252D	0.010			
NEW-T APP	LONGVIEW WA BNPFT-030317KJN	252D 1 98.3	0.020 346.0		5 9	130.07 0 0.00 TRANS
NEW-T APP	LONGVIEW WA BNPFT-030826ABN		0.020 335.0	DA 46-02-59 122-55-10	5 9	130.10 0 0 00 TRANS
ADD	BEND OR RM-10684	253C1 98 5	0.000	44-04-41 121-19-57	122.1	166.36 144 22.36 CLEAR
NEW APP	EUGENE OR BNPL-010615ALN	253L1 98.5	0 030 51.5		182.0	90.50 67 23.50 CLEAR
NEW-T APP	YACHATS OR BNPFT-030313BH	253D 98.5	0.250 95 0		237.8	91.86 0 0.00 TRANS
NEW-T APP	YACHATS OR BNPFT-030826ALE	253D 3 98.5		44-26-33 124-04-16	237.8	91.86 0 0.00 TRANS
KUPLaux LIC	PORTLAND OR BXMLH-000316ABX	254C1 98.7			34.0	76.41 0 0.00 AUX
KUPL-FM LIC	PORTLAND OR BLH-970915KD		37.000 440.0		21.8	75.58 76 -0.42 SHORT
KUPLaux CP		254C1 98.7	37.000 362.0		21 9	75.61 0 0 00 AUX
	44444 BEGINNING	SEARCH	OF SECON	DARY DATABASE	44444	
KSND PROP	MONMOUTH OR -	252C3 98.3				0.00 153 -153.00 SHORT
None PROP	WALDPORT OR -	253A 98.5	0.000			88.74 89 -0 26 SHORT
	AAAAA END OF EM	SPACING	STUDY F	OR CHANNEL 25	2 44444	

44444 END OF FM SPACING STUDY FOR CHANNEL 252 44444





Statement of Engineer

This Engineering Statement supporting a Petition for Rulemaking to revise the Table of Allotments at Dallas, Monmouth, and Waldport, Oregon, has been prepared by Erik C. Swanson, EIT, under my direct supervision. All representations herein are true to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am a partner in the firm of Hatfield & Dawson Consulting Engineers and am Registered as a Professional Engineer in the States of Washington and California.

Signed this 17th day of November, 2003



Benjamin F. Dawson III, P.E.